

# COALESCING AIR AND DIRT SEPARATORS EWVA



Job Name: \_\_\_\_\_ Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Location: \_\_\_\_\_ Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Engineer: \_\_\_\_\_ Order No.: \_\_\_\_\_ Date: \_\_\_\_\_  
 Contractor: \_\_\_\_\_ Notes: \_\_\_\_\_  
 Sales Rep.: \_\_\_\_\_

**☑ Replaceable media**

**Features**

- ▶ Design conforms to ASME, section VIII
- ▶ The media can be removed for maintenance or replacement

**Technical Specifications**

- ▶ Coalescent media: stainless steel
- ▶ Carbonized steel housing
- ▶ Exterior finish in painted primer
- ▶ Maximum design temperature: 121°C (250°F)
- ▶ Maximum design pressure: 150 PSI
- ▶ Pressure of 175, 200, 250 and 300 PSI also available

**To obtain a separator of higher capacity and greater pressure, contact the manufacturer.**

**QUANTITY**

**MODEL**

**MAXIMUM PRESSURE**

150 PSI     175 PSI  
 200 PSI     250 PSI  
 300 PSI  
 Other\*:

**OPTIONAL**  
 Industrial vent (#MV15)

\*Subject to the manufacturer's approval.

Model#	Connection		Maximum Flow		Dimension								Weight	
					A		B		C		D			
	in	mm	GPM	LPM	in	mm	in	mm	in	mm	in	mm	lb	kg
EWVA2	2	51	69	261	9	229	23	584	15¼	387	11½	292	100	45
EWVA2-NPT	2	51	69	261	9	229	23	584	9	227	11½	292	90	41
EWVA2.5	2½	64	108	409	10	254	23	584	15¾	400	11½	292	125	57
EWVA2.5-NPT	2½	64	108	409	10	254	23	584	10½	267	11½	292	115	52
EWVA3	3	76	144	545	11	279	29	737	20¼	514	14½	368	150	68
EWVA3-NPT	3	76	144	545	11	279	29	737	12½	318	14½	368	130	59
EWVA4	4	102	255	965	13½	343	29	737	20%	524	14½	368	250	113
EWVA5	5	127	398	1507	16	406	39	991	27¾	705	19½	495	310	141
EWVA6	6	152	570	2158	19	483	39	991	27¾	705	19½	495	375	170
EWVA8	8	203	945	3577	23½	597	49	1245	35%	905	24½	622	700	318
EWVA10	10	254	1440	5451	27½	699	65	1651	37½	953	32½	826	1000	454
EWVA12	12	305	2100	7949	32	813	76	1930	42½	1080	38	965	1500	680

**TYPICAL SPECIFICATIONS**

Furnish and install as shown on the plans and described herein, an EWVA air and dirt separator as manufactured by Calefactio. Each separator must be designed with a blowdown valve, skim valve, and automatic air vent. The separator must also utilize in its design a stainless steel coalescing medium to facilitate the separation of air and dirt in the system entrained water. The separator must be constructed in accordance with the latest revision of the ASME Boiler and Pressure Vessel Code and stamped 125 PSI working pressure. Each separator shall be Calefactio model EWVA-\_\_\_\_\_ or approved equal.